

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120720\
 Data File : VD067900.D
 Acq On : 07 Dec 2020 15:31
 Operator : VA/SY
 Sample : L4971-14
 Misc : 7.58G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 5S2-B-BOTTOM

Quant Time: Dec 08 03:49:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	234446	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	327685	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	295455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	121235	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	114924	45.66	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.32%
35) Dibromofluoromethane	7.92	113	93253	42.53	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.06%
50) Toluene-d8	10.34	98	377207	47.79	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.58%
62) 4-Bromofluorobenzene	12.64	95	122961	45.06	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.12%

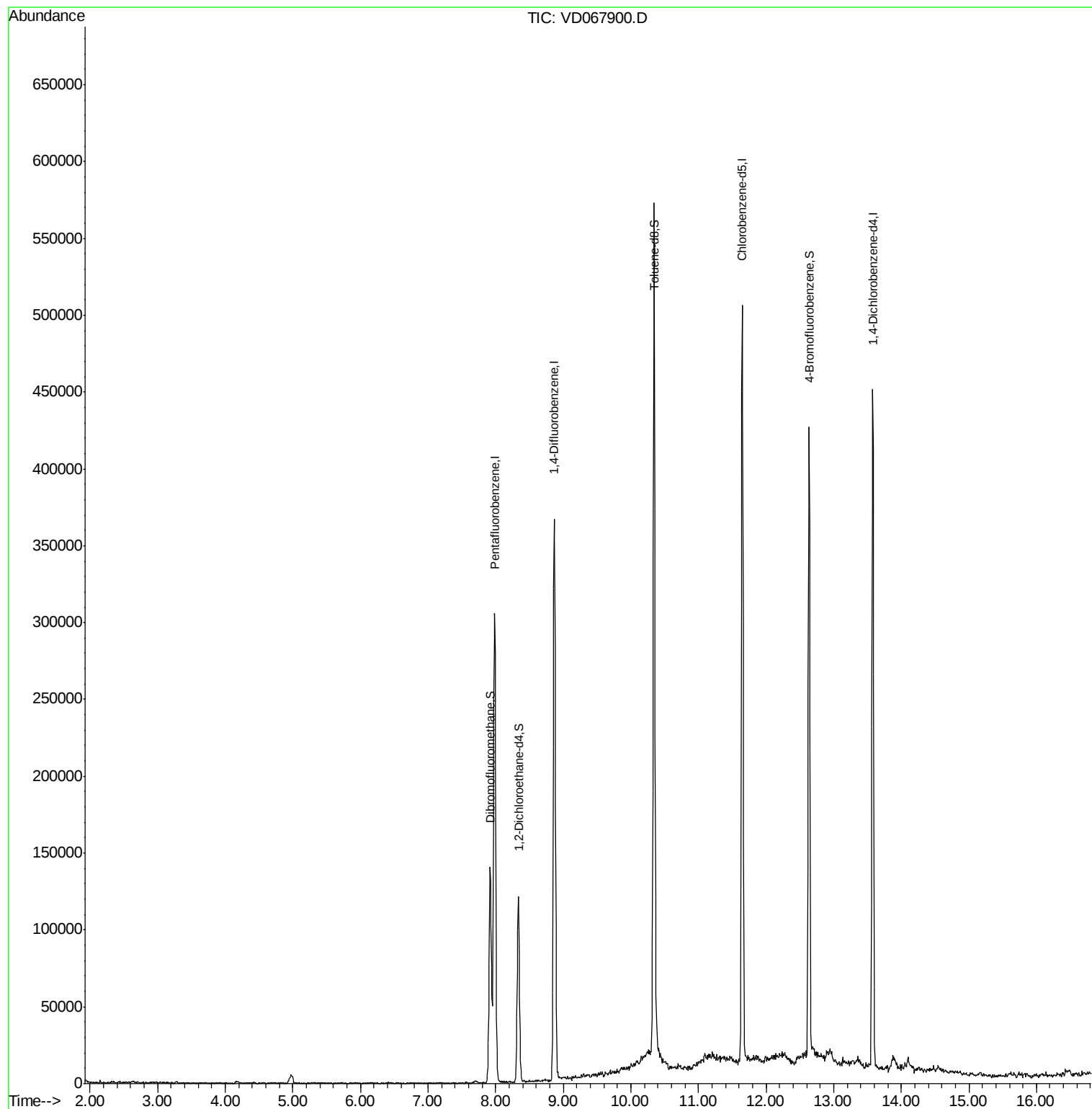
Target Compounds	Qvalue
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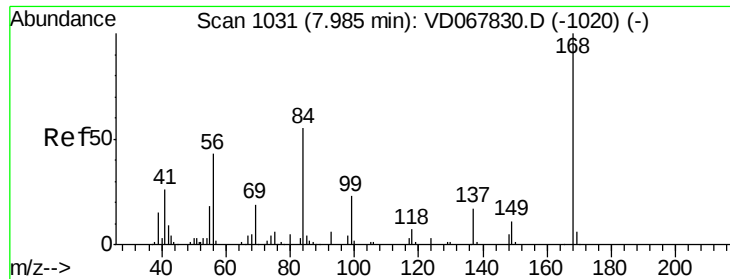
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067900.D

Acq: 07 Dec 2020 15:31

Instrument :

MSVOA_D

ClientSampleId :

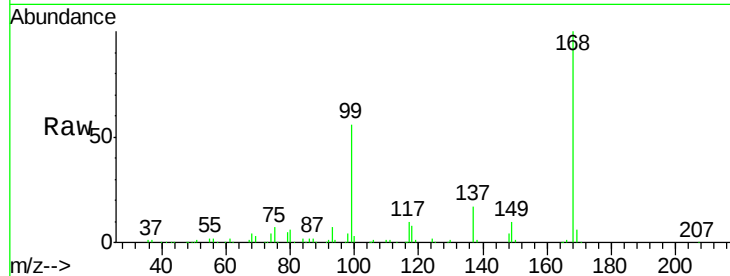
5S2-B-BOTTOM

Tot Ion:168 Resp: 234446

Ion Ratio Lower Upper

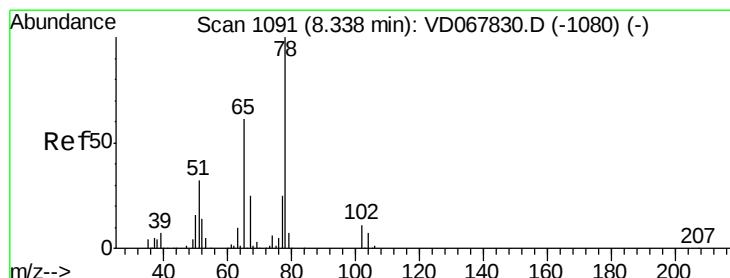
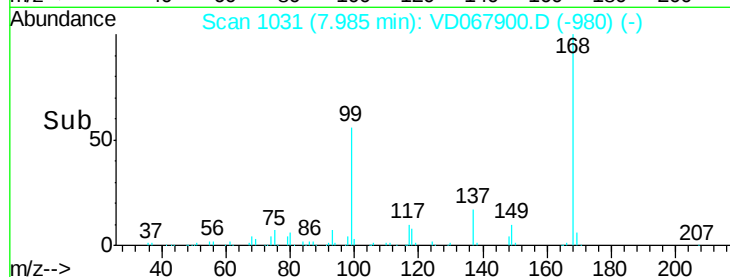
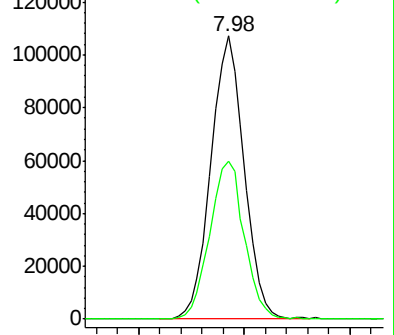
168 100

99 55.9 47.1 70.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 45.661 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD067900.D

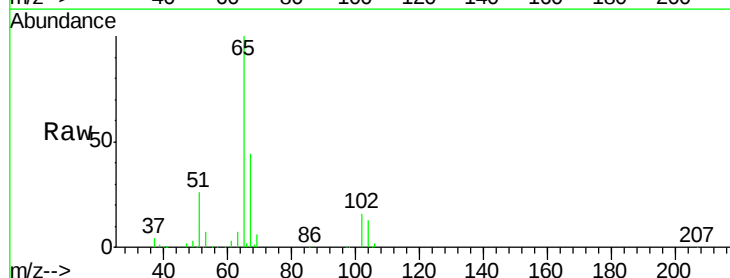
Acq: 07 Dec 2020 15:31

Tgt Ion: 65 Resp: 114924

Ion Ratio Lower Upper

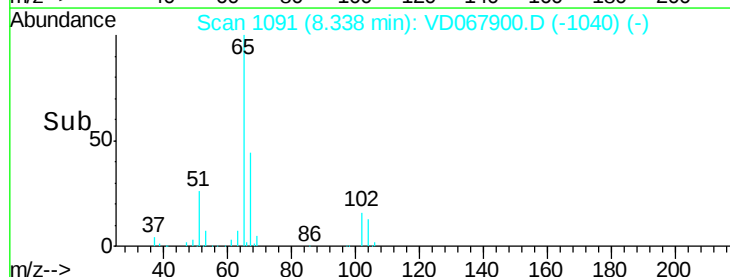
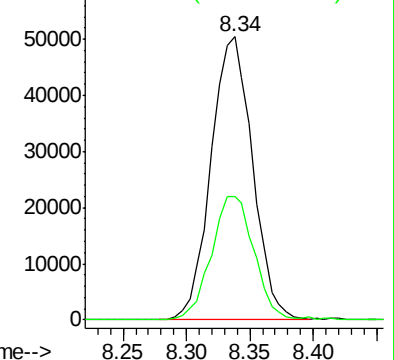
65 100

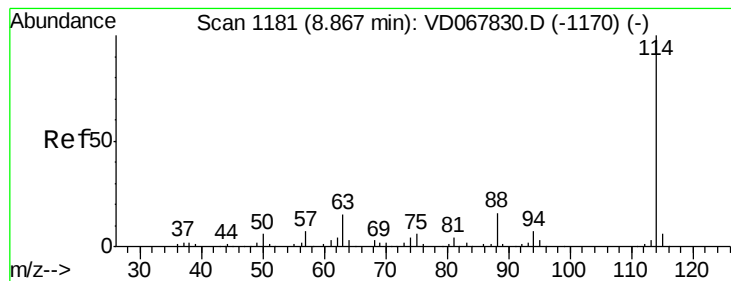
67 44.9 0.0 92.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067900.D

Acq: 07 Dec 2020 15:31

Instrument :

MSVOA_D

ClientSampleId :

5S2-B-BOTTOM

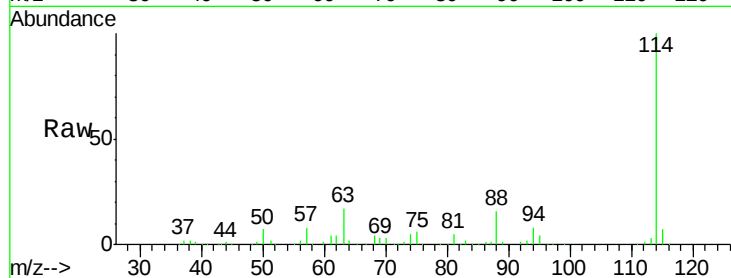
Tot Ion:114 Resp: 327685

Ion Ratio Lower Upper

114 100

63 17.2 0.0 30.8

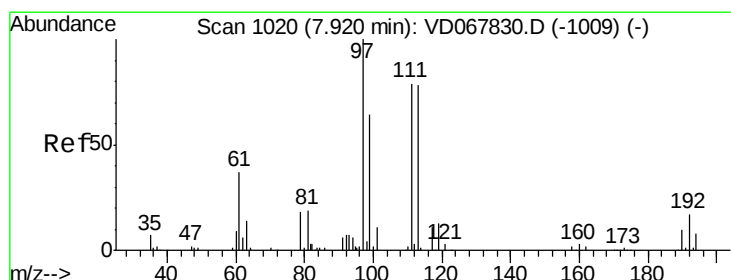
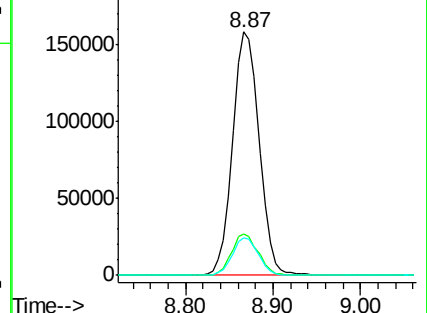
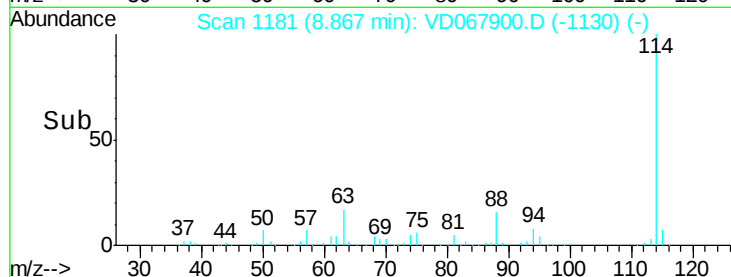
88 15.7 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 42.529 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD067900.D

Acq: 07 Dec 2020 15:31

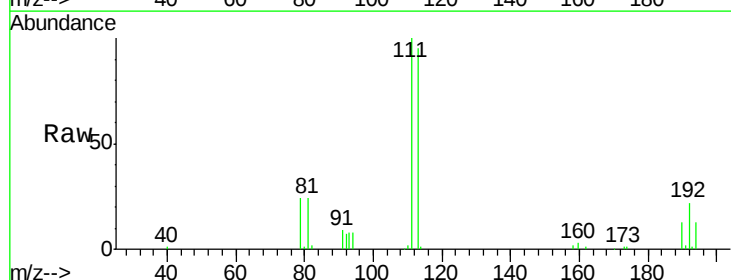
Tgt Ion:113 Resp: 93253

Ion Ratio Lower Upper

113 100

111 102.4 81.2 121.8

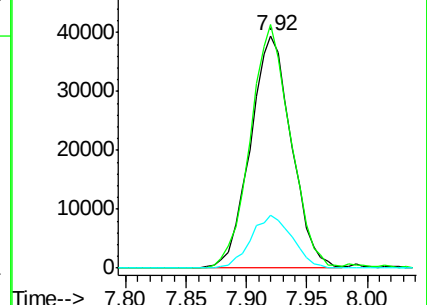
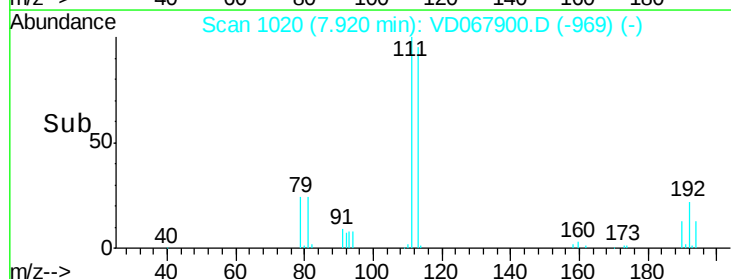
192 22.9 16.8 25.2

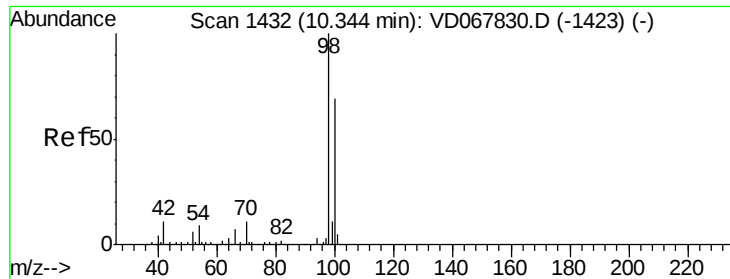


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.788 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067900.D

Acq: 07 Dec 2020 15:31

Instrument :

MSVOA_D

ClientSampleId :

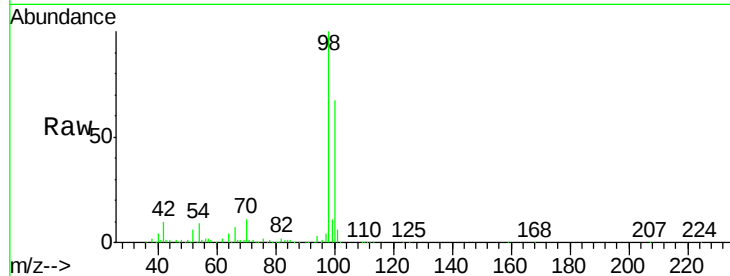
5S2-B-BOTTOM

Tot Ion: 98 Resp: 377207

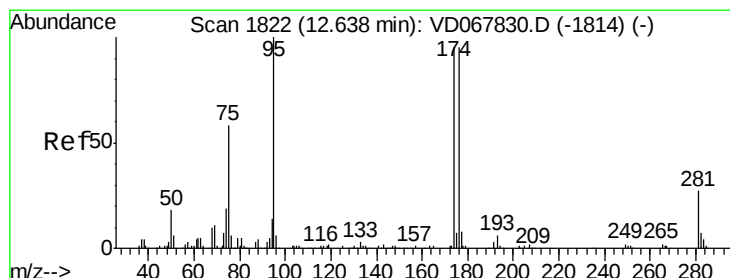
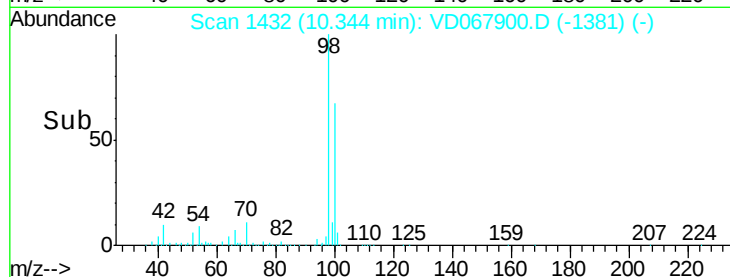
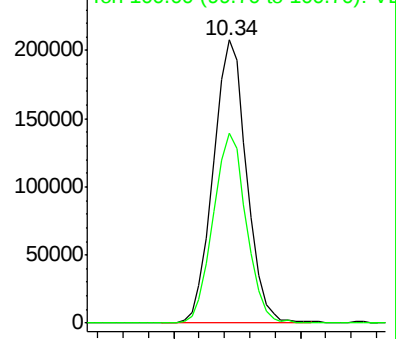
Ion Ratio Lower Upper

98 100

100 67.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VD067830.D (-1423) (-)



#62

4-Bromofluorobenzene

Concen: 45.058 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067900.D

Acq: 07 Dec 2020 15:31

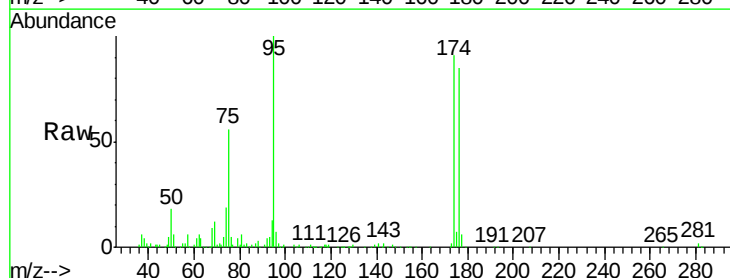
Tgt Ion: 95 Resp: 122961

Ion Ratio Lower Upper

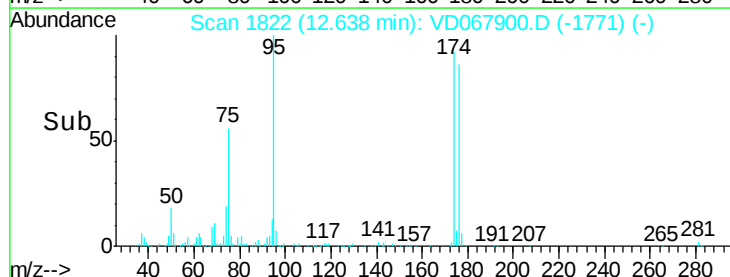
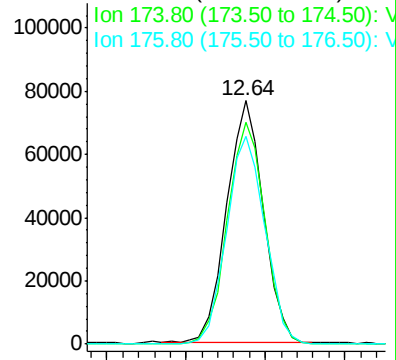
95 100

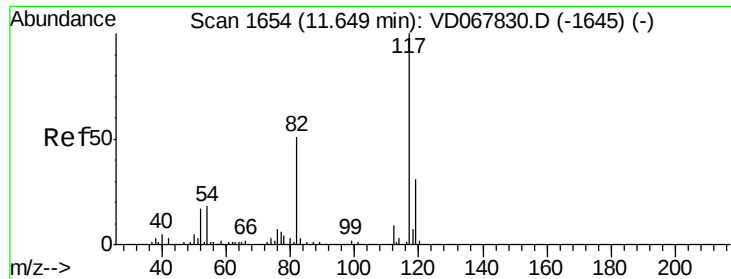
174 94.5 0.0 186.0

176 89.7 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): VD067830.D (-1814) (-)

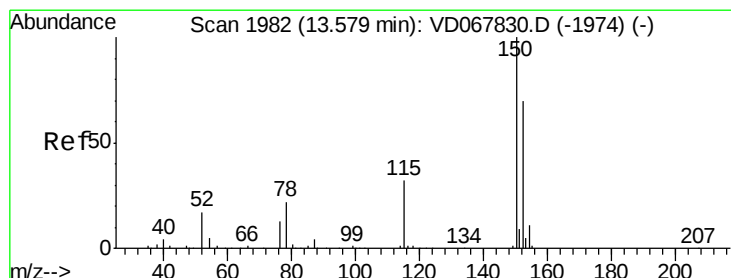
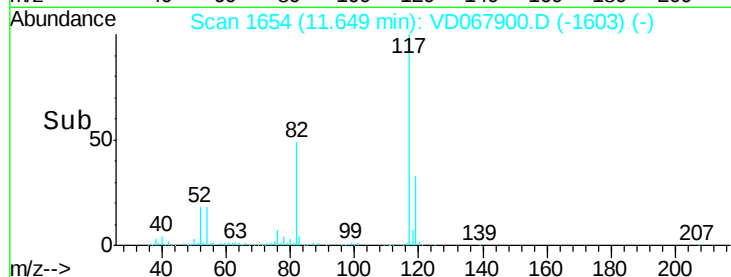
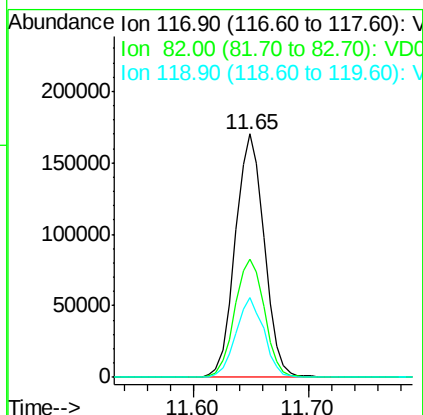
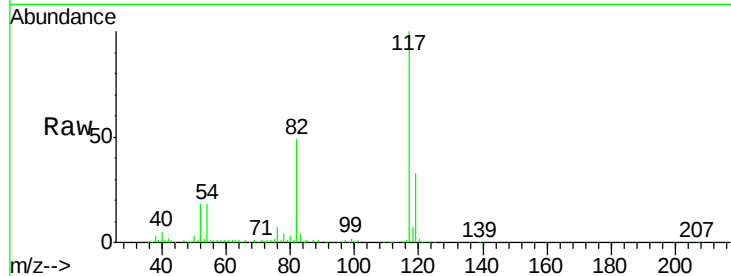




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067900.D
Acq: 07 Dec 2020 15:31

Instrument :
MSVOA_D
ClientSampleId :
5S2-B-BOTTOM

Tot Ion	Ratio	Lower	Upper
117	100		
82	48.8	40.6	60.8
119	32.8	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067900.D
Acq: 07 Dec 2020 15:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	29.1	87.4
150	157.5	0.0	339.0

